

AMICURE[®] CG-NA**Curing Agent****DESCRIPTION**

Amicure CG-NA curing agent is an unpulverized grade of dicyandiamide designed for use as a latent curing agent for epoxy resins in solventbased processes.

TYPICAL PROPERTIES

Property	Value	Unit	Method
Appearance	White, Crystalline Solid		
Melt Point	207-212	°C	
Bulk Density	0.60	g/cm ³	
Particle Size	Coarse		Mesh, Approximate
Latency	6	mo	
Equivalent Wt/{H}	21		
Recommended Use Level	4-15	phr	EEW=190

ADVANTAGES

- Soluble in polar solvents such as acetone and DMF
- Shelf stability of up to 6 months at 25°C in properly formulated systems
- Activation temperature can be varied from 180°C to 95°C with appropriate accelerator selection
- No flow control additives to inhibit solubility

APPLICATIONS

- Electrical laminates
- Solvent-based, pre-preg composites

SHELF LIFE

At least 24 months from the date of manufacture in the original sealed container at ambient temperature. Store away from excessive heat and humidity in tightly closed containers.

STORAGE AND HANDLING

Refer to the Safety Data Sheet for Amicure CG-NA curing agent.

TYPICAL CURE SCHEDULE

- 1–2 hours at 180°C.
- 30 minutes at 140°C with 2-5 parts Ancamine 2441 curing agent.

TYPICAL HANDLING PROPERTIES

Gel Time (150g mix @ 25°C) (mon) 12 - 18

TYPICAL PERFORMANCE

Tg (°C) 121

SUGGESTED ACCELERATORS

- Ancamine 2014AS / 2014FG
- Amicure UR2T
- Imidazoles (e.g. Imicure EMI-24)
- Ancamine 2441 / 2442
- Ancamine 2337S (in combination with Ancamine 2014AS / 2014FG / 2441 / 2442)

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